EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	"6376069".pn. or "6254970".pn. or "5908694".pn. or "6147604".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L2	1	"1225062"	EPO	OR	ON	2010/10/22 15:59
L3	0	L1 and thermochrom$4	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L4	0	L1 and (micron or ".mu.m" or micrometer)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L5	2	L1 and (micron or ".mu.m" or micrometer or mil)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L6	1	L1 and rough$6	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L7	779	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or mictometer) near5 rough$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L8	278	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or mictometer) near5 rough$6) and "428".clas.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L9	2	"11693445"	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L10	1	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or mictometer) near5 rough$6) and "428".clas. and (thermochrom$6 near3 ink)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L11	1	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or mictometer) near5 rough$6) and "428".clas. and (thermochrom$6 with ink)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L12	6	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or mictometer) near5 rough$6) and "428".clas. and (thermochrom$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L13	12	((heat or thermal) near3 transfer) and support and ink and ((".mu.m" or micron or mictometer) near5 rough$6) and (thermochrom$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L14	11	((heat or thermal) near3 transfer) and (support or substrate) and ink and ((".mu.m" or micron or mictometer) near5 rough$6) and (thermochrom$6) and adhesive	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L15	10	"6423466".pn. or "6383710".pn. or "5813772".pn. or "5411783".pn. or "5411783".pn. or "4786349".pn. or "4256795".pn. or "3992559".pn. or "3959555".pn. or "3920499".pn. or re28542.pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59

L16	0	L15 and thermochromic	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L17	0	L15 and thermochrom$6	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L18	42	("1799754" | "4064285" | "4224358" | "4284456" | "4351871" | "4715914" | "4773953" | "4966815" | "4980224" | "5032449" | "5098772" | "5139917" | "5236801" | "5242739" | "5271990" | "5407729" | "5419944" | "5424141" | "5501902" | "5620548" | "5798179" | "6087061" | "6096475").PN. OR ("6423466").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L19	0	L18 and adhesive and ink and thermochromic	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L20	20	L18 and adhesive and ink	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L21	24	L18 and adhesive and ((ink or dye) same (thermochromic or (thermo near3 chromic) or leuco) or heat or thermal)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L22	12	L18 and adhesive and ((ink or dye) same (thermochromic or (thermo near3 chromic) or leuco) or heat or thermal) and rough$6	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L23	288	(support or substrate) and transfer and ((ink or dye) with (heat or therm$4 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm$5) near3 adhesive) and (adhesive same rough$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L24	165	(support or substrate) and transfer and ((ink or dye) with (heat or therm$4 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm$5) near3 adhesive) and (adhesive same rough$6) and "428".clas.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L25	39	(support or substrate) and transfer and ((ink or dye) with (heat or therm$4 or thermochromatic or leuco or (liquid adj crystal))) and ((heat or therm$5) near3 adhesive) and (adhesive same rough$6 same (".mu.m" or micron or micrometer or mil)) and "428".clas.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L26	39	(support or substrate) and transfer and ((ink or dye) with (heat or therm$4 or thermochrom$4 or leuco or (liquid adj crystal))) and ((heat or therm$5) near3 adhesive) and (adhesive same rough$6 same (".mu.m" or micron or micrometer or mil)) and "428".clas.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L27	4	(support or substrate) and transfer and ((ink or dye) with (thermochrom$4 or leuco or (liquid adj crystal))) and ((heat or therm$5) near3 adhesive) and (adhesive same rough$6 same (".mu.m" or micron or micrometer or mil)) and "428".clas.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59

L28	74	(support or substrate) and transfer and ((ink or dye) with (heat or therm$4 or thermochrom$4 or leuco or (liquid adj crystal))) and ((heat or therm$5) near3 adhesive) and (adhesive same rough$6 same (".mu.m" or micron or micrometer or mil))	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L29	43	US-7151552-$.DID. OR US-7102657-$.DID. OR US-6893717-$.DID. OR US-6797747-$.DID. OR US-6521327-$.DID. OR US-6423466-$.DID. OR US-6395373-$.DID. OR US-6383710-$.DID. OR US-6376069-$.DID. OR US-6309498-$.DID. OR US-6152621-$.DID. OR US-6147604-$.DID. OR US-5908694-$.DID. OR US-5832827-$.DID. OR US-5813772-$.DID. OR US-5800890-$.DID. OR US-5788796-$.DID. or "5662758".pn. or US-5658647-$.DID. OR US-5583489-$.DID. OR US-5538831-$.DID. OR US-5456969-$.DID. OR US-5411783-$.DID. OR US-5161829-$.DID. OR US-5074595-$.DID. OR US-4786349-$.DID. OR US-4544590-$.DID. OR US-4256795-$.DID. OR US-4078113-$.DID. OR US-3992559-$.DID. OR US-3959555-$.DID. OR US-3920499-$.DID. OR US-3793112-$.DID. OR US-3660212-$.DID. OR US-3657832-$.DID. OR US-3359127-$.DID. or re28542.pn. or US-20040179083-$.DID. OR US-20030136503-$.DID. OR US-20030063139-$.DID. OR US-20030044595-$.DID. OR US-20020109636-$.DID. or "20010005543".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L30	19	L29 and (".mu.m" or micron or micrometer or mil)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L31	0	L29 and (adhesive with rough$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L32	13	L29 and (adhesive with thick$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L33	8	("4176146" | "4243700" | "4704310").PN. OR ("5456969").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L34	473	(thermal adj transfer) and (barcode or (bar adj code)) and (adhesive same thickness)	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L35	225	(thermal adj transfer) and (barcode or (bar adj code)) and (adhesive same thickness) and "428".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L36	219	(thermal adj transfer) and (barcode or (bar adj code)) and (adhesive same thickness) and "428".clas. and (ink or dye)	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L37	525	(thermal adj transfer) and rfid and ink and adhesive	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L38	65	(thermal adj transfer) and rfid and ink and (adhesive with thick$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L39	47	(thermal adj transfer) and shirt and ink and (adhesive with thick$6)	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L40	274	rfid and print and shirt	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59

L41	108	rfid and print and (t adj shirt)	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L42	19	rfid same (t adj shirt)	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L43	1	"5296444".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L44	19	(thermal adj transfer) and geon and (pvc same (ink or dye or pigment))	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L45	10	((non adj wax) same (non adj silicone)) and (thermal adj transfer)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L46	1252	(wax same silicone) and (thermal adj transfer)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L47	1	"10/537193".app.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L48	1	"5766397".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L49	15	(thermal adj transfer) and (thick$6 with aesthetic)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L50	5	(shirt and thermal) and (thick$6 with aesthetic)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L51	32	grilltex	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L52	23	grilltex and thick$6	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L53	1437	(thermal adj transfer) and (adhesive near5 thick$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L54	1155	(thermal adj transfer) and (adhesive near3 thick$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L55	35	(thermal adj transfer) and (adhesive with thick$6 with adjust$6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L56	15	("4021591" | "4399541" | "4803361").PN. OR ("5296444").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L57	2	((heat or thermal) near3 transfer) and (support or substrate or sheet) and ink and ((".mu.m" or micron or micrometer or (micro adj meter)) near5 rough$6) and "428".clas. and (thermochrom$6 near3 ink)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L58	2	((heat or thermal) near3 transfer) and (support or substrate or sheet) and ink and ((".mu.m" or micron or micrometer or (micro adj meter)) near5 rough$6) and (thermochrom$6 near3 ink)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L59	1129	((heat or thermal) near3 transfer) and (support or substrate or sheet) and ink and ((".mu.m" or micron or micrometer or (micro adj meter)) near5 rough$6) and (ink or pigment)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L60	432	((heat or thermal) near3 transfer) and (support or substrate or sheet) and ink and ((".mu.m" or micron or micrometer or (micro adj meter)) near5 rough$6) and (ink or pigment) and "428".clas.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59

L61	2	"6114021".pn. or "20030203193".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L62	5	"6250316".pn. or "5935694".pn. or "5073452".pn. or "4880686".pn. or "4875961".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L63	60	heat same transfer same label same cloth$5	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L64	267	bilodeau.in.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L65	117	bilodeau.in. and transfer	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L66	21	bilodeau.in. and transfer and label	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L67	11	("3922435" | "4319974" | "4426422" | "4548857" | "4927709" | "4935300" | "5314929" | "5350612" | "5800656" | "6042676").PN. OR ("6376069").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L68	1550	kriegsman	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L69	77	kriegsman and transfer and adhesive	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L70	24	("3922435" | "4275104" | "4426422" | "4548857" | "4610744" | "4927709" | "4935300" | "5143976").PN. OR ("5766731").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L71	1	"5296444".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L72	15	("4021591" | "4399541" | "4803361").PN. OR ("5296444").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/22 15:59
L73	54	kriegsman and transfer and adhesive and (thick$6 or micron or micrometer or (micro adj meter) or $4".mu.m" or mil)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L74	220	(428/32.6.ccls. or 428/32.6) and (thick$6 or micron or micrometer or (micro adj meter) or ".mu.m" or mil)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L75	220	(428/32.6.ccls. or 428/32.6) and (thick$6 or micron or micrometer or (micro adj meter) or (".mu.m") or mil)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L76	219	(428/32.6.ccls. or 428/32.6) and (thick or thickness or thicknesses or micron or micrometer or (micro adj meter) or (".mu.m") or ("mil" or "mils"))	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L77	23137	(thermal near transfer) and (thick or thickness or thicknesses or micron or micrometer or (micro adj meter) or (".mu.m") or ("mil" or "mils"))	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L78	9758	(thermal near transfer) and adhesive and (thick or thickness or thicknesses or micron or micrometer or (micro adj meter) or (".mu.m") or ("mil" or "mils"))	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L79	7	"4880686".pn. or "5254302".pn. or "4875961".pn. or "6250316".pn. "6376069".pn. or "20030203193".pn. or "5935694".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59

L82	85	(rough or roughness$3 or abras$5 or grit) and (428/32.6.ccls. or 428/32.6)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L83	274	428/32.77-32.79.ccls. or 428/32.77 or 428/32.78 or 428/32.79	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L84	196	428/32.77-32.78.ccls. or 428/32.77 or 428/32.78	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L85	177	(428/32.77-32.78.ccls. or 428/32.77 or 428/32.78) and thick$6	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L86	13	("20030097949" | "4024287" | "4578273" | "4610904" | "4786349" | "5017394" | "5834047" | "6058843" | "6267997" | "6319530" | "6582742" | "6623553" | "7166153").PN.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L87	241	(428/32.8-32.81.ccls. or 428/32.8 or 428/32.81) and thick$6	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L91	210	(428/32.82-32.84.ccls. or 428/32.82 or 428/32.83 or 428/32.84)	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L95	1	"5254302".pn.	US-PGPUB; USPAT	OR	ON	2010/10/22 15:59
L96	1623	(428/913.ccls. or 428/914.ccls. or 428/913 or 428/914) and (thermal adj (transfer or heat))	US-PGPUB; USPAT	OR	ON	2010/10/22 16:08
L97	1598	(428/913.ccls. or 428/914.ccls. or 428/913 or 428/914) and (thermal adj transfer)	US-PGPUB; USPAT	OR	ON	2010/10/22 16:08
L98	9805	428/913.ccls. or 428/914.ccls. or 428/913 or 428/914	US-PGPUB; USPAT	OR	ON	2010/10/22 16:12
L99	243	(428/32.6.ccls. or 428/32.6) and (thick$6 or micron or micrometer or (micro adj meter) or $2(".mu.m") or mil)	US-PGPUB; USPAT	OR	ON	2010/10/22 16:13

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L80	29	((rough or roughness$3 or abras$5 or grit) and (thermochrom$3 or (thermo adj chrom$3))).clm	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/22 15:59
L81	60	((rough or roughness$3 or abras$5 or grit or textur$5 or grain$5) and (thermochrom$3 or (thermo adj chrom$3))).clm	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/22 15:59
L92	3	((rough or roughness$3 or abras$5 or grit or textur$5 or grain$5) and (thermochrom$3 or (thermo adj chrom$3))).clm and 428/32.77,32.78,32.78,32.8,32.81,32.83,913,914.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/22 15:59

| L93 | 3 | ((rough or roughness$3 or abras$5 or grit or textur$5 or grain$5) and (thermochrom$3 or (thermo adj chrom$3))).clm and 428/32.6,32.77,32.78,32.78,32.8,32.81,32.83,913,914.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2010/10/22 15:59 |
| L94 | 4 | ((rough or roughness$3 or abras$5 or grit or textur$5 or grain$5) and (thermochrom$3 or (thermo adj chrom$3))).clm and 428/32.6,32.77-32.83,913,914.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2010/10/22 15:59 |

10/22/2010 4:43:53 PM
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